WHAT IS CLAIMED IS:

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1.	A pigment	aispersant	system	compris	ing

- water;
 a polymeric pigment dispersant, the dispersant not having a binder;
 a primary amine; and,
 a defoamer.
- 10 2. The system of claim 1, wherein the water is deionized water.
 - 3. The system of claim 1, wherein the primary amine is ammonium hydroxide.
- 15 4. The system of claim 3, wherein the primary amine is aqua ammonia 26% ammonium hydroxide.
 - 5. The system of claim 4, wherein the defoamer is isobutyl isobutyrate.

6. The system of claim 5, wherein the polymeric pigment dispersant is a hyperdispersant.

- 7. The system of claim 1, wherein the polymeric pigment dispersant is chosen from the group comprising: an approximately 90% active polymeric dispersant, an approximately 100% active polymeric dispersant, an approximately 50% active polymeric dispersant, and an approximately 40% active polymeric dispersant.
- 8. The system of claim 1, wherein the dispersant further comprises an active synergist agent.

9. A solvent-based pigment dispersant system, the system comprising:

a hydrocarbon solvent;

- a polymeric pigment dispersant, the dispersant not having a binder; and, a solvent compatible amine.
 - 10. The system of claim 9, wherein the hydrocarbon solvent is chosen from the group comprising: acetates, ketones, and aromatics.

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- 11. The system of claim 10, wherein the hydrocarbon solvent is n-butyl acetate.
- 15 12. The system of claim 9, wherein the polymeric pigment dispersant is chosen from the group comprising: an approximately 90% active polymeric dispersant, an approximately 100% active polymeric dispersant, an approximately 50% active polymeric dispersant, and an approximately 40% active polymeric dispersant.
- 20 13. The system of claim 12, wherein the solvent compatible amine is diethylamine.
 - 14. The system of claim 13, wherein the system further comprises an active synergist agent.

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15. A method for making a pigment dispersant system, the method comprising the steps of, in order:

mixing 55.982% by weight deionized water, 0.372% by weight isobutyl isobutyrate, and 2.896% by weight of a polymeric pigment dispersant, without a binder; adding into a constant vortex 22.683% by weight of a low surface area carbon

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black and 17.376% by weight kaolin clay;

adding 0.691% by weight aqua ammonium 26% ammonium hydroxide; mixing in a high-speed mixing system all of the above components; and, rinsing with deionized water and ammonium hydroxide.

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16. A method for making a pigment dispersant system, the method comprising the steps of:

mixing water, a defoamer, and a polymeric pigment dispersant, without a binder; adding to a vortex carbon black and a rheology modifier;

adding a primary amine;

mixing in a high-speed mixing system all of the above components; and, rinsing with water and a primary amine.

- 17. The method of claim 16, wherein the water is deionized water, the defoamer is isobutyl isobutyrate, and the polymeric pigment dispersant is chosen from the group comprising: an approximately 90% active polymeric dispersant, an approximately 100% active polymeric dispersant, an approximately 50% active polymeric dispersant, and an approximately 40% active polymeric dispersant.
 - 18. The method of claim 17, wherein the carbon black is a low surface area carbon black and the rheology modifier is a pigmented kaolin clay.
 - 19. The method of claim 16, wherein the primary amine is ammonium hydroxide.

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- 20. The method of claim 19, wherein the primary amine is aqua ammonium 26% ammonium hydroxide.
- The method of claim 18, wherein the water, defoamer, pigment dispersant, carbon black, kaolin clay, and ammonium hydroxide are added in

synergistically effective amounts.

- 22. The method of claim 21, wherein mixing in a high-speed mixing system all of the above components further comprises the step of:
- 5 mixing in a tank and cowles blade high-speed mixing system all of the above components at between approximately 3500 to approximately 4000 rpm.
 - 23. A method for pigment grinding, the method comprising the steps of:
- making a pigment dispersant system, the system being made by a method comprising:

mixing water, a defoamer, and a polymeric pigment dispersant, without a binder;

adding to a vortex carbon black and a rheology modifier;

adding a primary amine;

mixing in a high-speed mixing system all of the above components; and, rinsing with water and ammonium hydroxide; and,

mixing a pigment with the pigment dispersant system, the pigment and pigment dispersant system being mixed in a high-speed mixer.

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24. The method of claim 23, wherein mixing a pigment with the pigment dispersant system, the pigment and pigment dispersant system being mixed in a high-speed mixer further comprises the step of:

mixing a pigment with the pigment dispersant system, the pigment and pigment dispersant system being mixed in a high-speed mixer at a speed capable of overcoming the Van der Waals force.

25. The method of claim 24, wherein mixing a pigment with the pigment dispersant system, the pigment and pigment dispersant system being mixed in a high-speed mixer further comprises the step of:

mixing a pigment with the pigment dispersant system, the pigment and pigment dispersant system being mixed in a high-speed mixer at between approximately 1300 to approximately 2300 rpm.

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